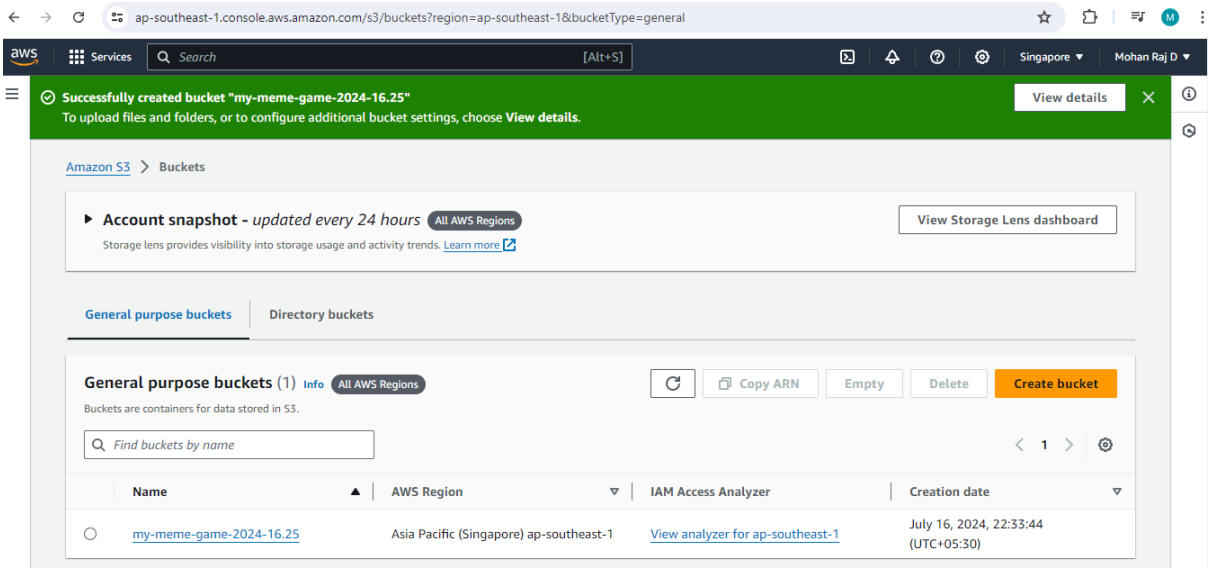
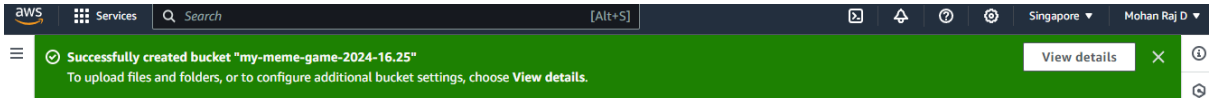
AWS Project: Build a Game with a Continuous Deployment Pipeline from GitHub to S3

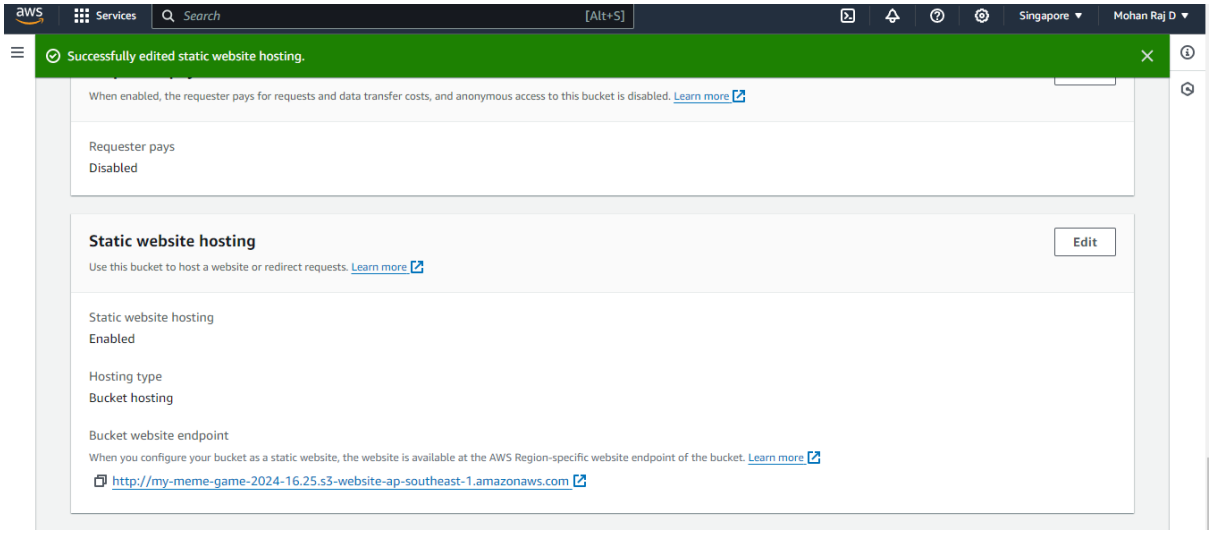
Step 1: Create an S3 Bucket by providing any unique name to the bucket de-select block public access select the check box of the warning and click on the Create S3 bucket



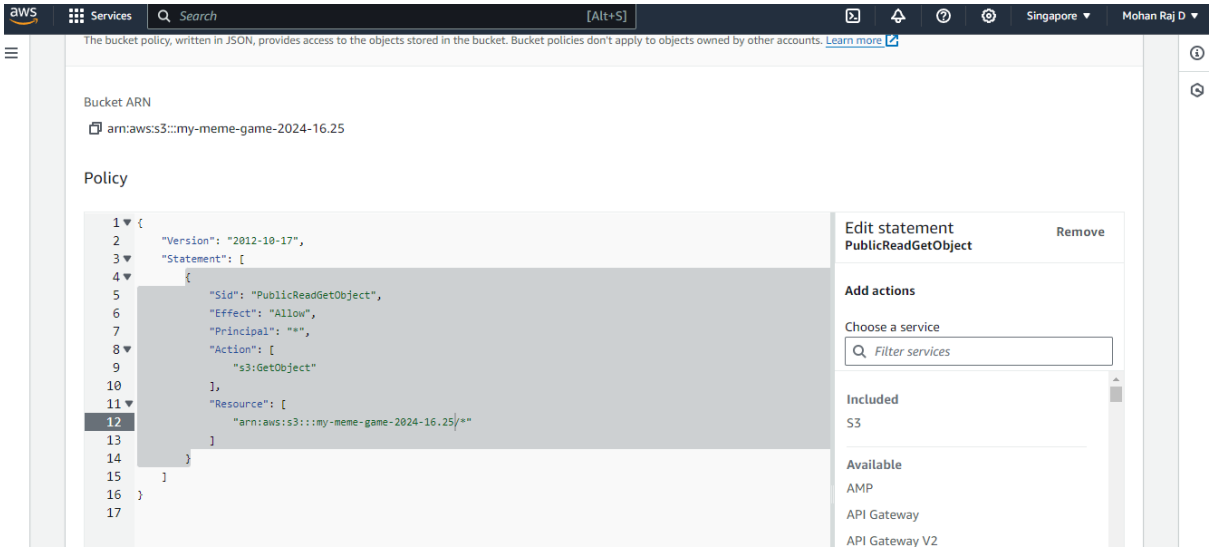
Step 2: Click on View details



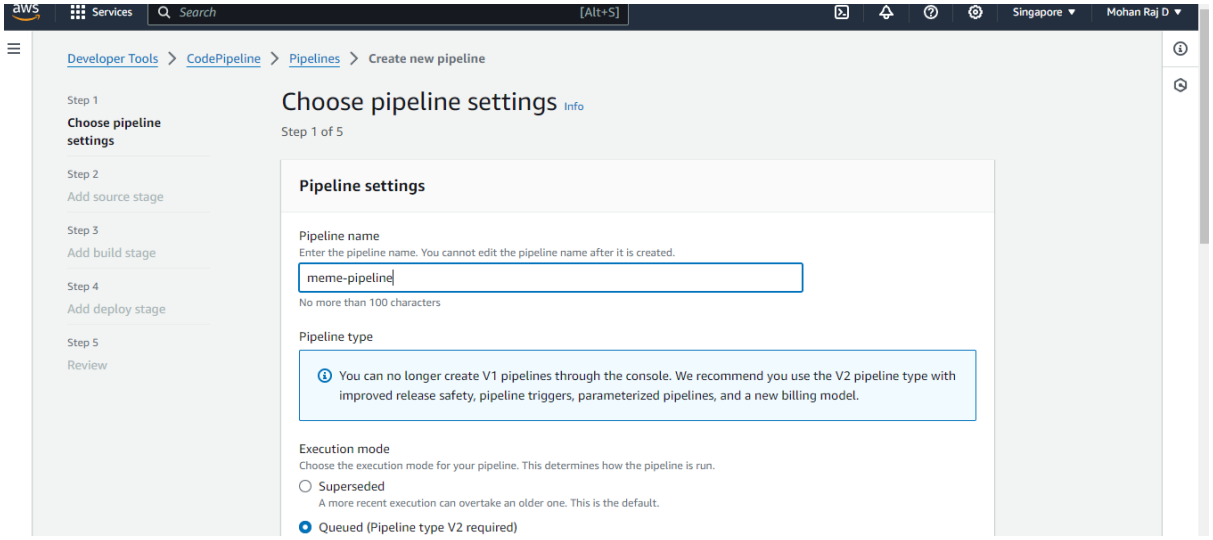
Step 3: Click on the properties scroll down at the bottom click on the static website and enable it



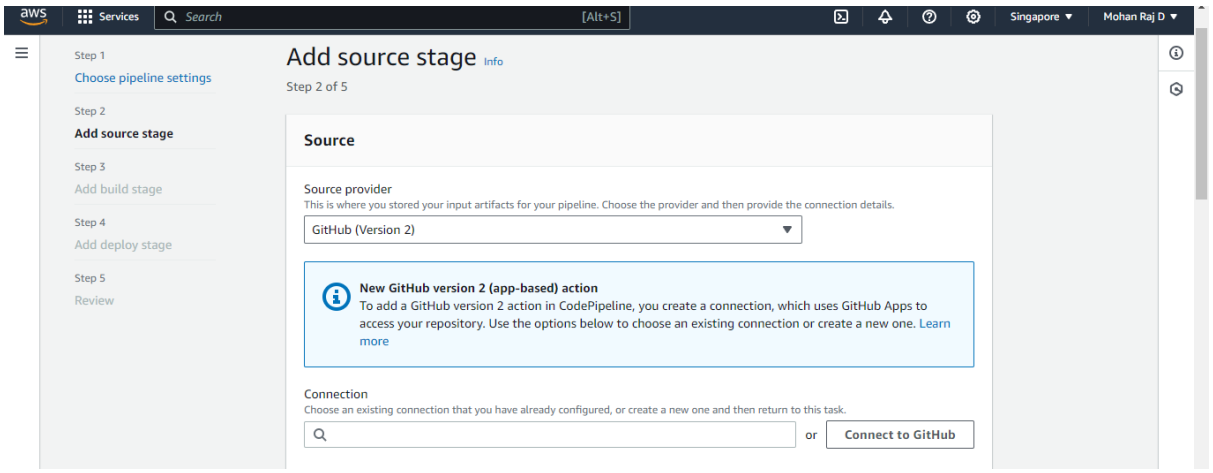
Step 4: Go to permissions click on the edit bucket policy add Json policy and add the bucket name that is created already to the resource. Click on save the policy.



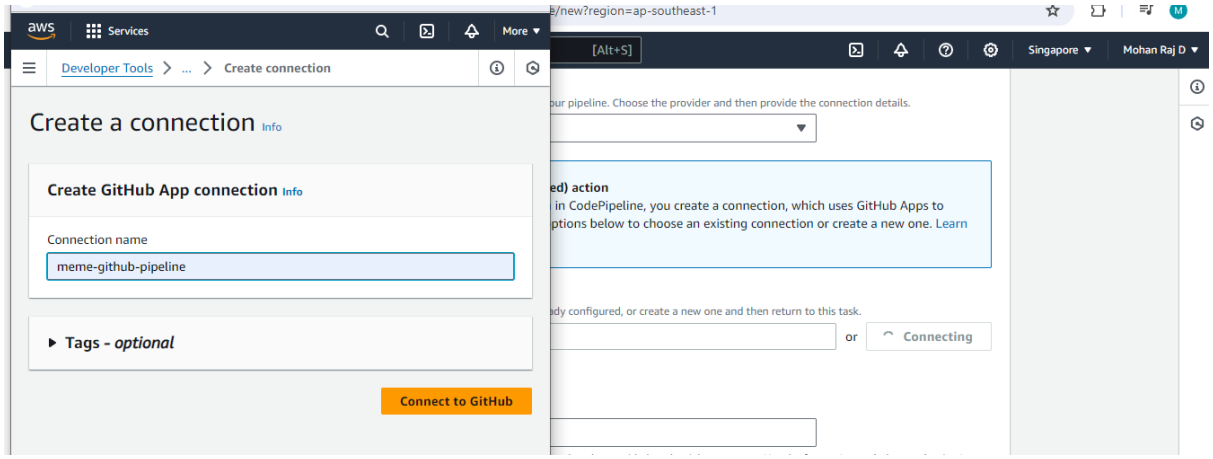
Step 5: Open the code pipeline and create a pipeline by adding the pipeline name as meme-pipeline, select v2 or v1, and select a new service role, The service role will be automatically added, and click on the next button.



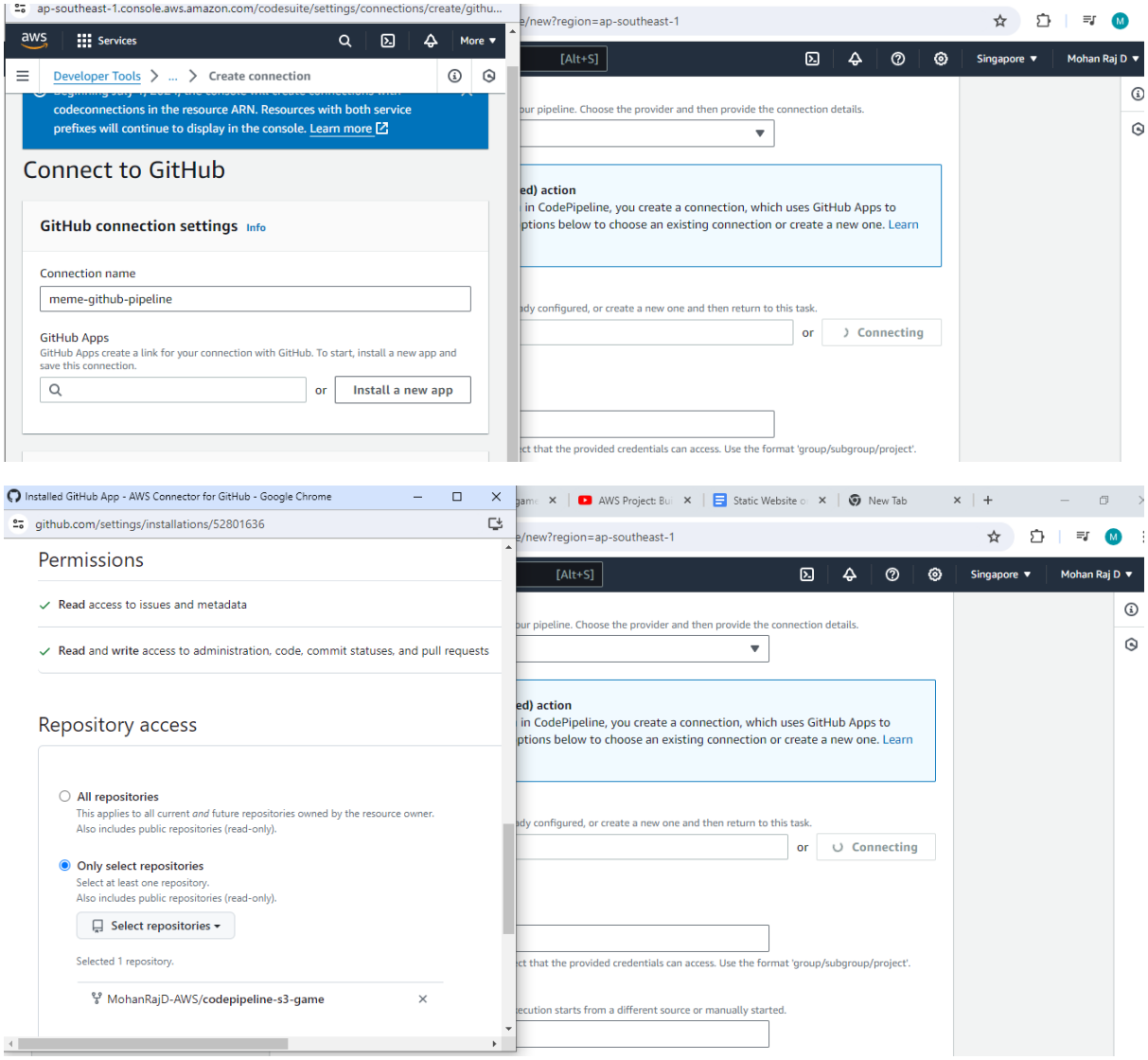
Step 6: Select Git Version2 from the drop-down, select Connect to GitHub



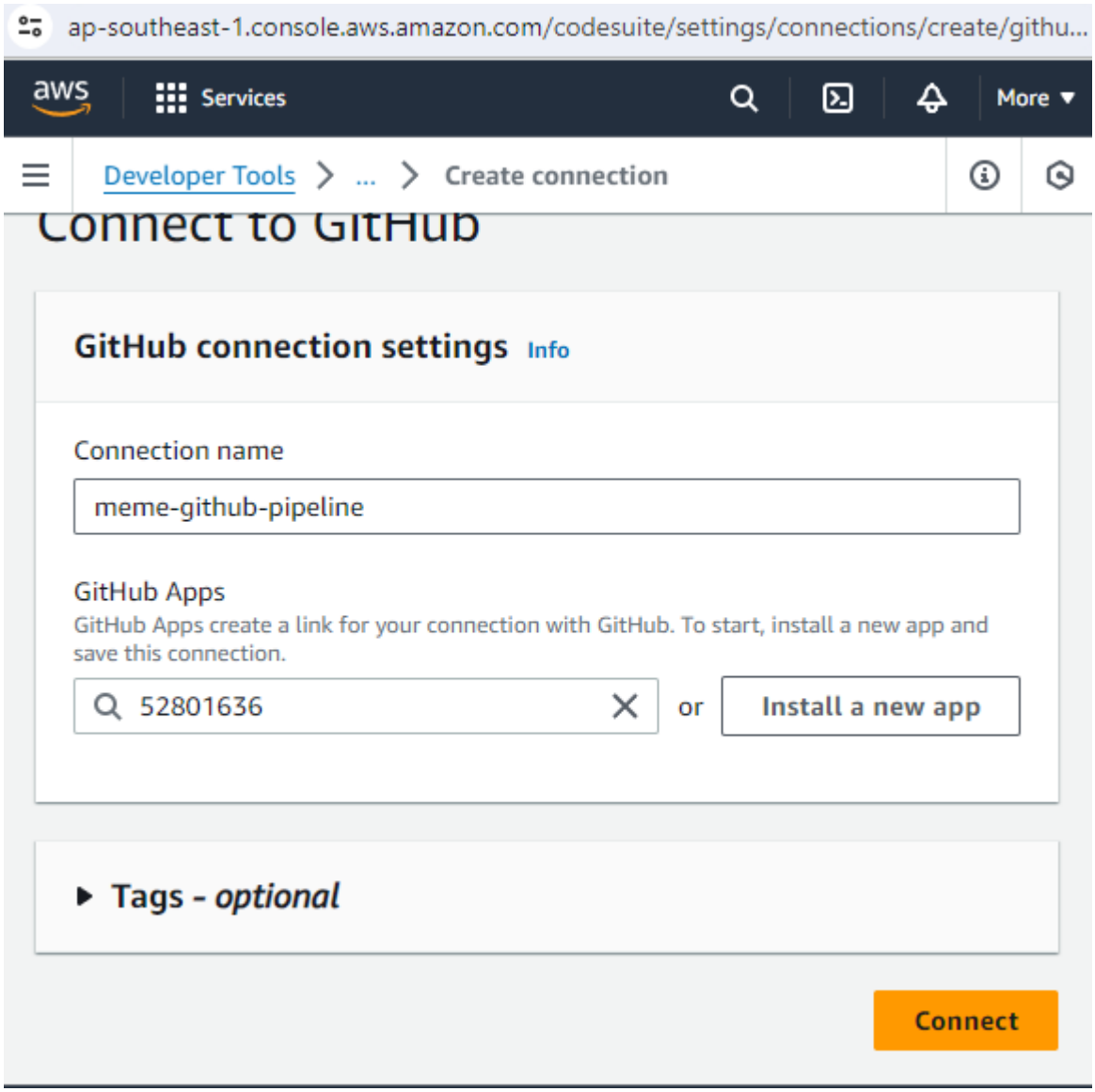
Step 7: Enter the connection name click on the connect to GitHub



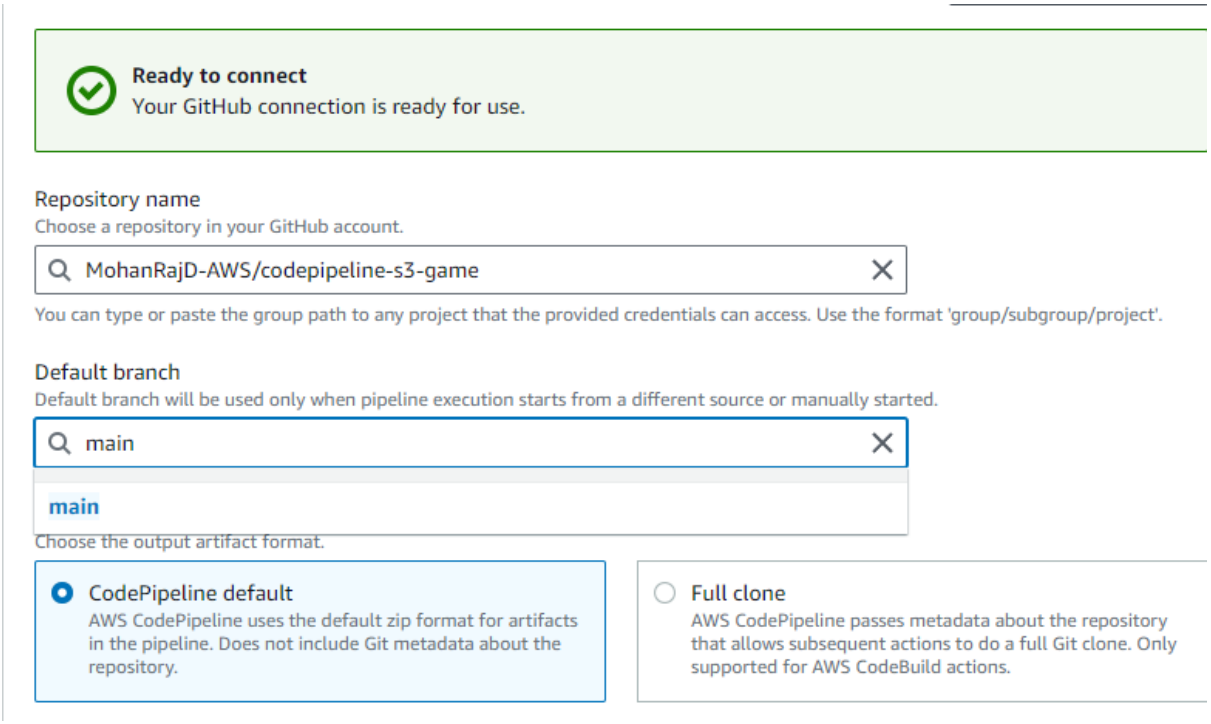
Step 8: Click on the install or new app, it will navigate to the GitHub repository, scroll down and select only the check box select the code repository, and click on the save button



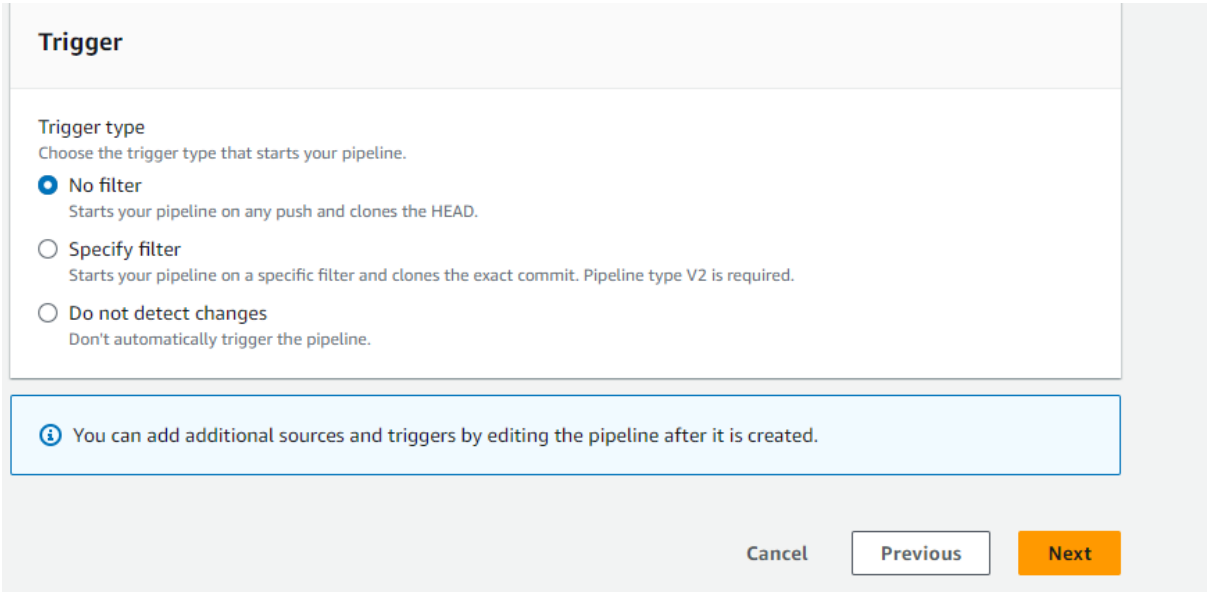
Step 9: Next page click on the connect button once successful connection it will be navigated to the Code pipeline page



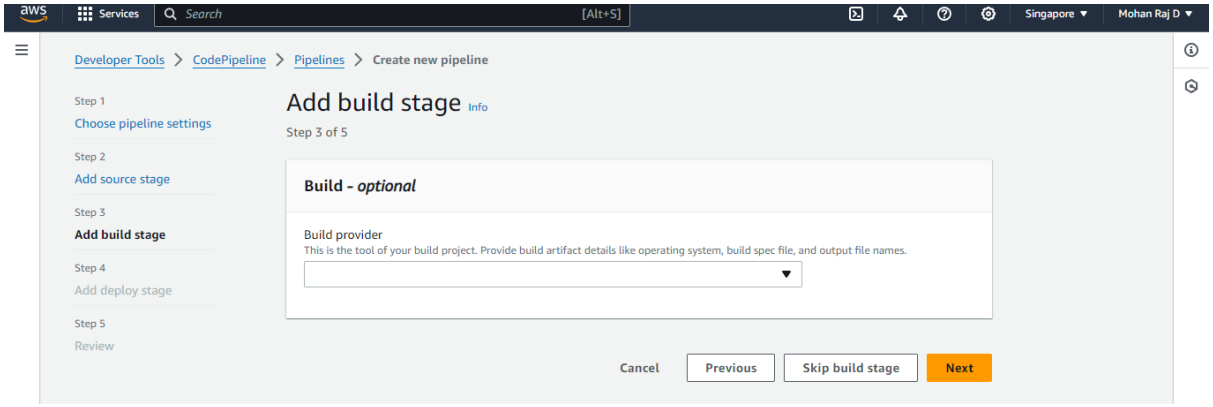
Step 10: Select repository from the drop-down and select main from the drop-down



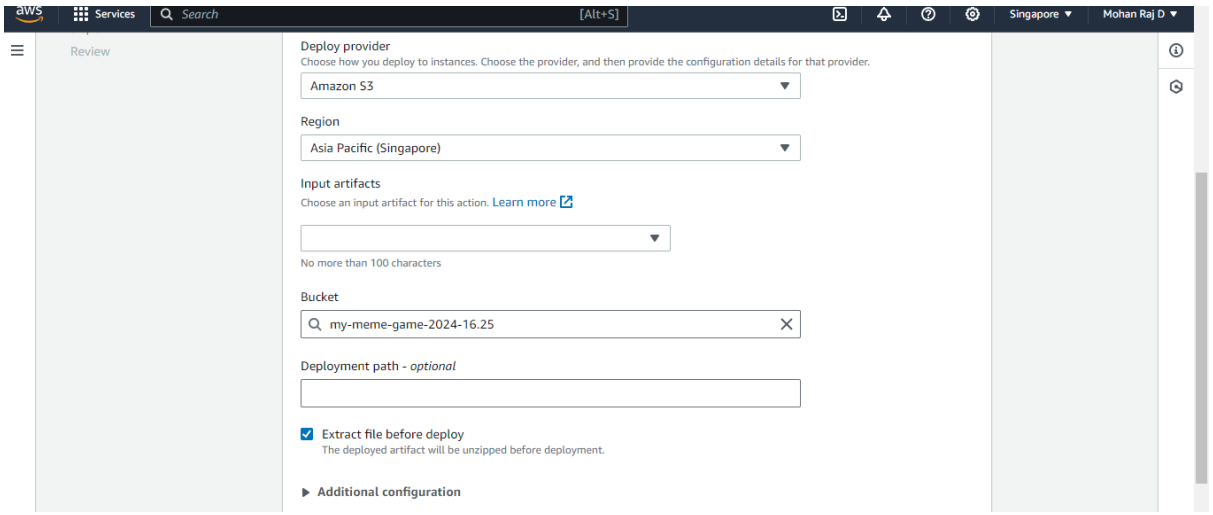
Step 11: Select the No filter check box from the trigger and click on the next



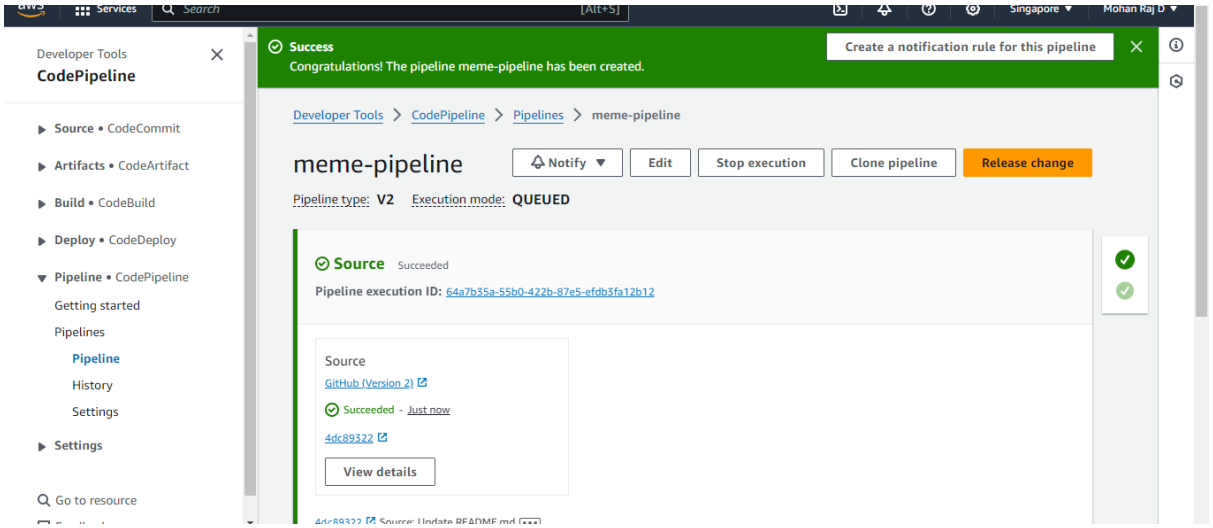
Steps 12: Click on the Skip build stage and click on the skip, in deploy drop down select S3



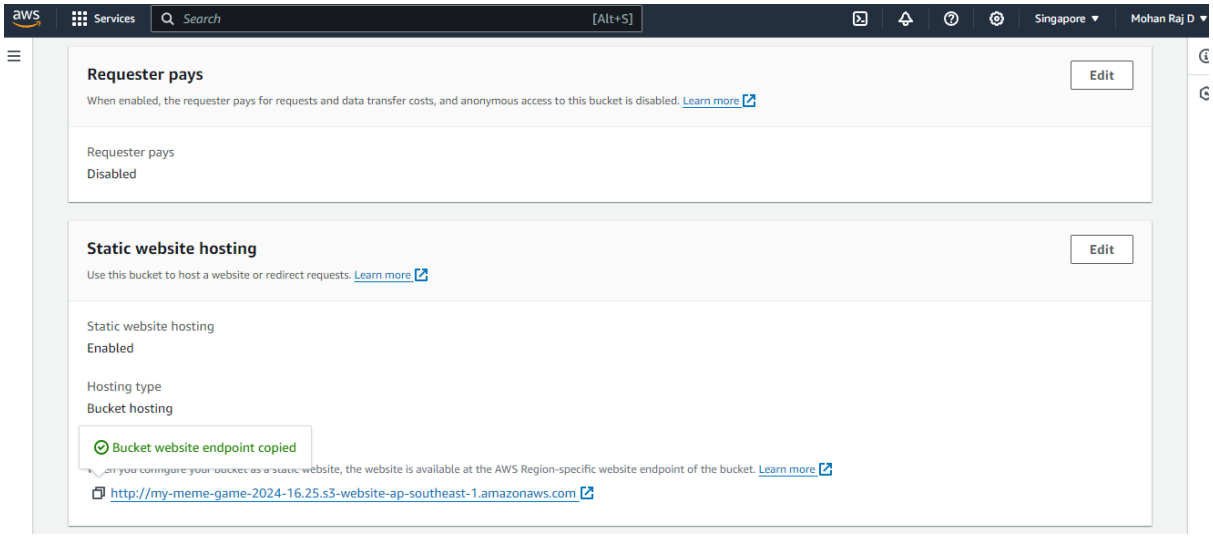
Steps 13:After Selecting S3, select bucket name select extract file check box click on the next, scroll down, and click on the create pipeline



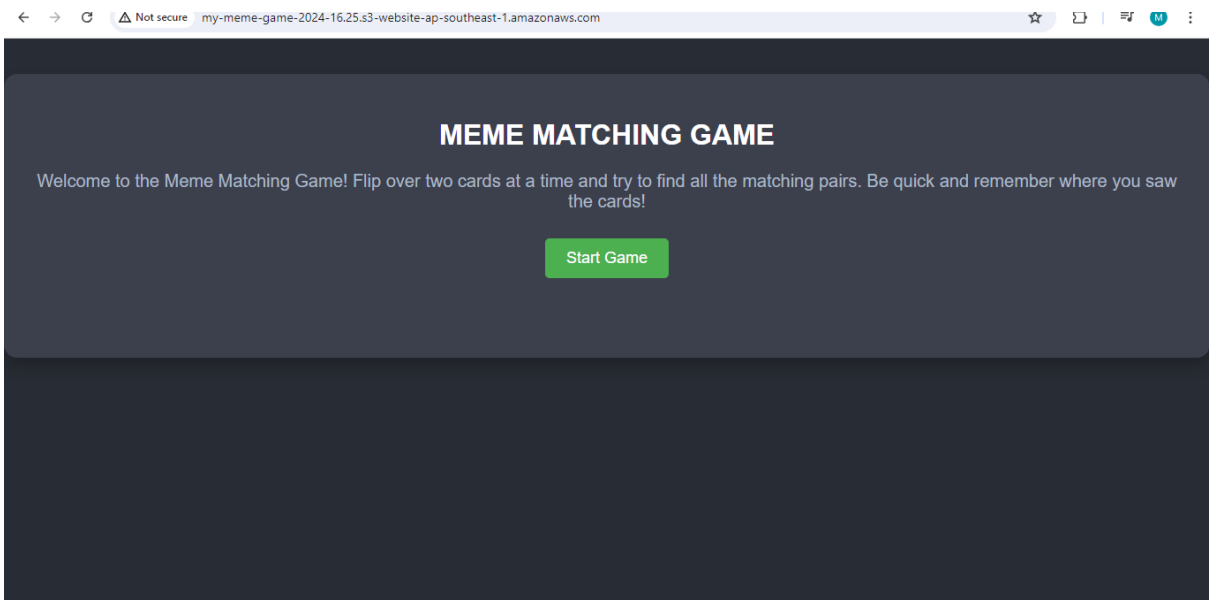
Step 14: Codepipeline is created successfully

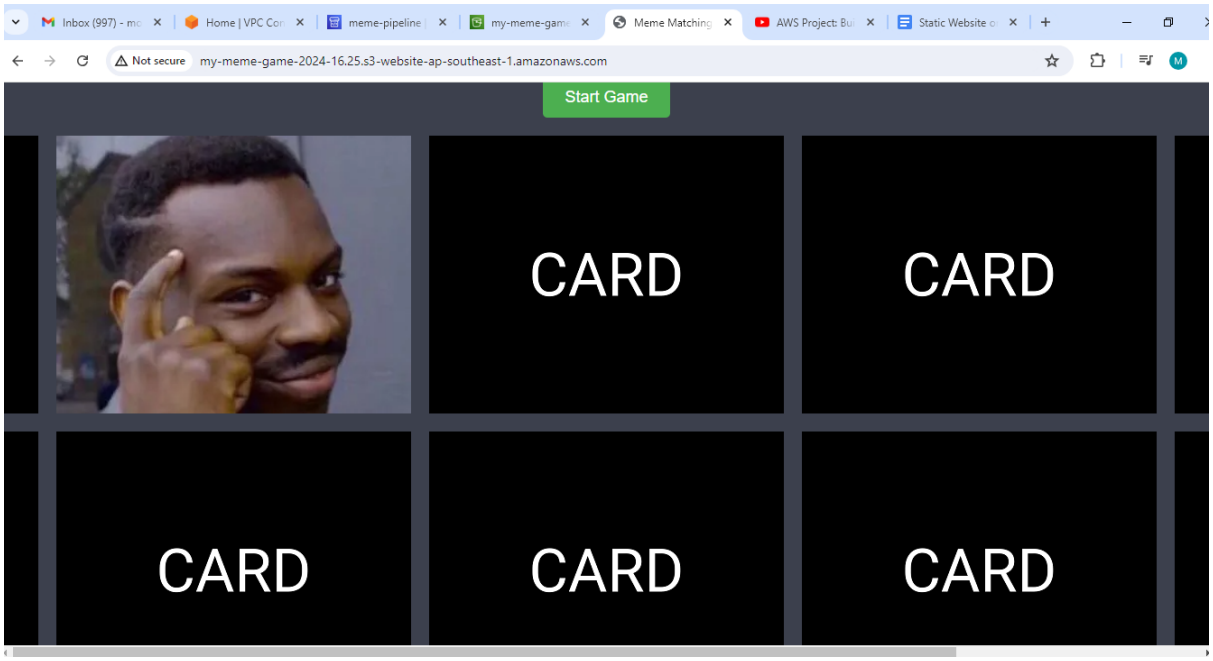


Step 15: Go to S3 bucket properties scroll down copy paste the static URL to the new tab



Step 16: Finally Game page will be opened and we can start playing the game

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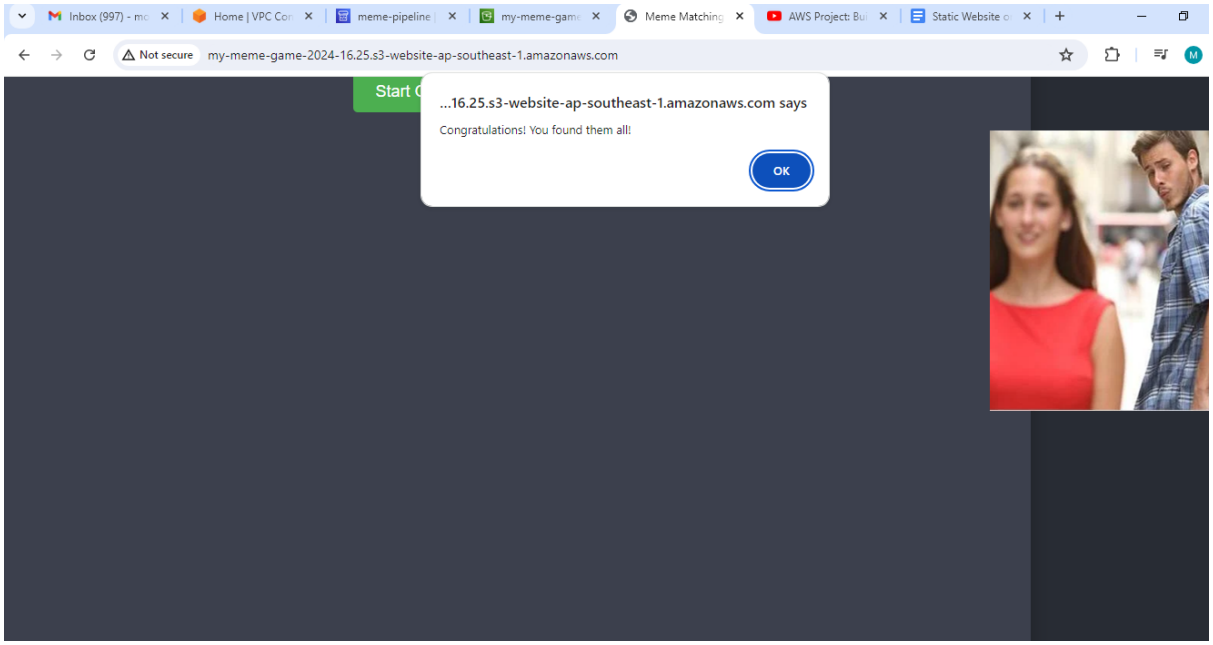
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Congratulations! You found them all!
OK